TRANBERG Solutions
Helipad Control system
Standard lighting + IMT circle and H
TEF4600331 Art. No. 332705

MY R. STAHL **T4600A**

- All control gear in one cabinet, simplifying connections, control and monitoring
- Smaller footprint than individual control cabinets for each type of light
- Combined with Stahl Tranberg's new line of LED helideck lights means an installation with an absolute minimum of required inspections and minimized maintenance
- Connection with a supervisory control system through Ethernet, Profibus or similar standards
- Pre-programmed touchscreens with an intuitive and user-friendly man-machine interface
- Optional remote button and lamp control panel, allowing additional control of lights
- Optional integration towards HMS (Helideck Monitoring System), allowing direct input from the HLO (Helideck Landing Officer)
- Integration towards SCADA (Supervisory Control And Data Acquisition) systems, allowing remote control from other locations, helicopter pilots, etc.

The TEF 4600 integrated Helideck Lights Control is a first integrated control system for an easy and safe control and monitoring of all lights installed in a helideck. The control system can be delivered for use in both safe areas and Zone 1 areas.
All types of Tranberg lights can be connected (perimeter lights, floodlights, obstruction lights, illuminated windsocks, Circle & H lights, status lights, etc.).
Central to the system is a touch panel. Using an intuitive user-friendly menu, the user can simply set the lights on or off or dim respective lights when needed. The touch panel can be mounted either in the door of the main panel (safe areas only), in the adjacent room or elsewhere.
R. STAHL's Exicom MT-498 operator panel can be used for Zones 1 and 2. All touch panels come fully loaded with software and configuration options. Regardless of the control panel type, additional remote control panels may be connected. These are push-button panels with integrated illumination, allowing local control of lights, and in full synchronization with the computer screens.

Applications:
Control and supervision of all helideck lighting fixtures.
Onshore or offshore installations; vessels and fixed installations
Remote control possible through a wide range of accesories

Technical Data

Electrical Data	
Power consumption	Max. 2100 W lights on
Connection	Ethernet, Modbus, TCP/IP
Auxiliary Power	
Power supply	Double 230 V AC automatic
Output	
Circle and H identific. lights	Circle 16 A, H 6 A
Floodlight no. 1	max. 6 A
Floodlight no. 2	max. 6 A
Obstruction light	max. 6 A
Ambient light no. 1	max. 6 A

R. STAHL Tranberg AS | Strandsvingen 6 | 4032 STAVANGER
Tel. +47 51 57 89 00 | +47 51 57 89 50 | Email: info.no-oslo@r-stahl.com | stahl-tranberg.com

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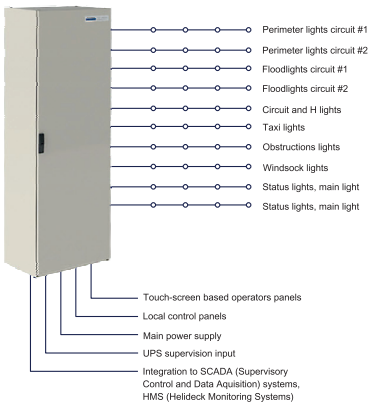
Output	
Ambient light no. 2	max. 6 A
Status beacons, primary	1 ... 2 pcs
Status beacons, repeater	1 ... 2 pcs
Windsock lights	max. 6 A
Display	
Display size in inches	12.10
Display size in cm	30.70
Display resolution	SVGA 800 x 600 pixels
Touchscreen	Analogue resistive
Ambient Conditions	
Ambient temperature	-20 °C ... 40 °C
Mechanical Data	
Degree of protection (IP)	IP55
Enclosure material	Stainless steel 1.4301, (AISI 304)
Enclosure colour	White, similar to RAL 9016
Width	600 mm
Height	1900 mm
Depth	400 mm
Weight	140 kg
Mounting / Installation	
Connect. to local control sys.	installed at helipad
Components	
Locking device present	Yes
Flange and plates	Metal plate, bottom

Technical Drawings – Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.